

Decision 99-06-086 June 24, 1999

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company
(U 39-E) and the City of Gilroy for an Order
Under Section 851 of the California Public
Utilities Code to Sell and Convey a Streetlight
System.

Application 99-04-002
(Filed April 5, 1999)

(U 39-E)

O P I N I O N

Summary

We approve the sale and conveyance by Pacific Gas and Electric Company (applicant or PG&E) of its streetlight system (Streetlight System) described in the application located within the City of Gilroy (City). We relieve applicant of the public duties and responsibilities of owning, operating, and maintaining the Streetlight System, (concurrently upon the transfer and conveyance of the Streetlight System). In addition, we authorize the disposition of the gain on the sale to applicant's shareholders, subject to the requirement that applicant file with the Commission the final cost figures for the Streetlight System within 30 days following the purchase date of the transaction, and authorize the use of the pole attachment agreement in the form appended to the application for the attachment of City's streetlights to applicant's poles.

Procedural Background

Applicant is a public utility subject to the jurisdiction of the Commission. On April 5, 1999, applicant filed an application for authority to sell and convey the Streetlight System to City, which intends to remain applicant's customer on

its LS-2 tariff. Notice of the application appeared in the Daily Calendar on April 8, 1999. No protests were filed. The Office of Ratepayer Advocates (ORA) filed a response on May 7, 1999, recommending that the sale and conveyance be approved on the terms and conditions specified in the Purchase and Sale Agreement attached to the application.

In Resolution ALJ 176-3014, dated June 18, 1998, the Commission preliminarily categorized this proceeding as ratesetting, and preliminarily determined that hearings were not necessary. No protests have been received. Given this status, public hearing is not necessary, and it is not necessary to alter the preliminary determinations made in Resolution ALJ 176-3014.

This is an uncontested matter in which the decision grants the relief requested. Accordingly, pursuant to Public Utilities (Pub. Util.) Code § 311(g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

Discussion

No public utility may transfer its property that is necessary or useful in the performance of its duties to the public without first having secured the Commission's authorization. (Pub. Util. Code § 851.) The Streetlight System is presently used for the sale of electrical services, and Pub. Util. Code § 851 applies.

The City is a municipality located in Santa Clara County, California. The Streetlight System, as described in the application, is located entirely within the City. Currently, the City takes streetlight service under applicant's LS-1 tariff rate, which pays applicant's costs of owning, operating, and maintaining the Streetlight System. The City wishes to lower its overall cost for streetlight service by purchasing, operating, and maintaining the Streetlight System itself, and

purchasing electricity from the applicant under its LS-2 tariff rate. The negotiated purchase price for the Streetlight System is \$217,150 (exclusive of any sales tax) plus the net value of any additions to and retirements from the Streetlight System between January 24, 1995 and the date of conveyance. Applicant states that there have three streetlights added to the Streetlight System in April 1998 which will be covered by a supplemental bill of sale.

Applicant estimates that the sale of the Streetlight System will result in a net-of-tax gain of \$168,594, which applicant requests accrue to its shareholders.

Applicant and City entered into an agreement (Purchase and Sale Agreement) for sale of the Streetlight System to City, subject to the approval of this Commission. The Streetlight System does not include applicant's poles, and the City and applicant propose to enter into a pole attachment agreement in the form attached to the application.

Applicant represents that there will be no change in its rate base as a result of the sale and conveyance of the Streetlight System. Applicant provided the declaration of its manager of capital accounting that ratepayers have not contributed capital to the Streetlight System, either to its initial purchase or to any subsequent upgrades or modifications. Applicant represents that the sale and conveyance of the Streetlight System will not adversely affect existing ratepayers, who will see neither a decline in service nor an increase in cost as a result. Therefore, under Decision (D.) 89-07-016 (*In re Ratemaking Treatment of Capital Gains Derived from the Sale of a Public Utility Distribution System Serving an Area Annexed by a Municipality or Public Entity*), the gain should accrue to shareholders.

Under the California Environmental Quality Act (CEQA) we must consider the environmental consequences of projects, as defined, that are subject to our discretionary approval. (Public Resources Code § 21080). While transfers

of utility assets are generally projects subject to CEQA review by the Commission, the facts of this case indicate that this sale, while a project, is not subject to CEQA.

Based upon the record, this sale does not have the potential for causing a significant effect on the environment, and accordingly the Commission need not perform further CEQA review. (CEQA Guideline 15061(b)(3).)

Other Accounting/Ratemaking Features

In the original Purchase and Sale Agreement, PG&E agreed to grant City a rebate equivalent to the rate differential between the LS-1 and LS-2 rates in PG&E's tariffs from the date that PG&E and City executed the Agreement to the effective date of the Commission order approving the Agreement. Under the Agreement, this rebate was subject to two conditions: (1) that the Commission approve the rate differential rebate; and (2) that the Commission agree that ratepayers, rather than shareholders, would pay for the rate differential rebate. In response to concerns expressed by ORA, PG&E and City have since amended the Agreement to provide that PG&E would grant City the rate differential rebate, that PG&E's shareholders would pay for the rebate, and that such rebate would not exceed the after-tax gain on sale from sale of the Streetlight System. PG&E shareholders will fund the rebate provided to City. Thus, no adverse impact to existing ratepayers will result from the sale of the Streetlight System to City.

Findings of Fact

1. Applicant is an electric utility subject to the jurisdiction of the Commission.
2. Notice of the filing of the application appeared in the Daily Calendar on April 8, 1999. No protests were filed.

3. City is a municipality created and existing under the laws of the State of California.

4. Applicant has agreed to sell the Streetlight System to City.

5. The Streetlight System is located within the City.

6. The Purchase Agreement provides that applicant shall be relieved of its obligations for streetlight service.

7. Applicant's ratepayers have not contributed capital to the Streetlight System.

8. The sale and conveyance of the Streetlight System will not adversely affect existing ratepayers.

Conclusions of Law

1. A public hearing is not necessary.

2. The sale and conveyance of the Streetlight System is subject to Pub. Util. Code § 851.

3. The sale and conveyance of the Streetlight System does not require further CEQA review by the Commission.

4. The sale and conveyance of the Streetlight System should be approved.

5. Applicant should be authorized to enter into a pole attachment agreement with City as described in the application.

6. Applicant should be relieved of the public duties and responsibilities of owning, operating, and maintaining the Streetlight System concurrently with the sale and conveyance of the Streetlight System.

7. The proposed sale and conveyance of the Streetlight System meets the criteria for a public utility to sell utility property to a municipality or government entity, and for the utility to accrue any gain on such sale to its shareholders.

O R D E R

IT IS ORDERED that:

1. Pacific Gas and Electric Company (applicant or PG&E) may sell and convey to the City of Gilroy (City) the property (Streetlight System) described in the application, subject to the terms and conditions described therein.
2. Applicant may enter into a pole attachment agreement with City in the form attached to the application.
3. Within 30 days of the sale and conveyance of the Streetlight Systems, applicant shall file an advice letter to report the gain on sale of the Streetlight Systems and may accrue any such gain to its shareholders.
4. The authority granted hereby expires if not exercised within one year of the date of this order.
5. Applicant shall be relieved of the public duties and responsibilities of owning, operating, and maintaining the Streetlight Systems concurrently with the sale and conveyance of the Streetlight Systems.
6. Application 99-04-002 is closed.

This order is effective today.

Dated June 24, 1999, at San Francisco, California.

RICHARD A. BILAS
President
HENRY M. DUQUE
JOSIAH L. NEEPER
JOEL Z. HYATT
CARL W. WOOD
Commissioners



Pacific Gas and Electric Company
San Francisco, California

Cancelling

Revised
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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

15398-E
13974-E

SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING

APPLICABILITY: This schedule is applicable service to lighting installations which illuminate streets, highways, and other publicly-dedicated outdoor ways and places where the customer usually owns the lighting fixtures, poles and interconnecting circuits. The customer's facilities must be of good construction acceptable to PG&E and in satisfactory condition to qualify for Class B or C rates.

TERRITORY: The entire territory served.

RATES:

CLASS:		A	B	C		
		PG&E supplies energy and switching* service only.	PG&E supplies the energy, switching*, and maintenance service for lamps and glassware.	PG&E supplies the energy, switching*, and maintenance service for entire system including lamps and glassware.		
Nominal Lamp Rating:			Per Lamp Per Month			
LAMP WATTS	Kwh PER MONTH	AVERAGE INITIAL LUMENS**	Class A All-Night	Class B All-Night	Class C All-Night	A, B, and C Half-Hour Adjustment
INCANDESCENT LAMPS:						
92	32	1,000	\$2.376	\$5.333	\$5.790	\$0.100
189	65	2,500	4.789	7.741	8.198	0.210
295	101	4,000***	7.344	10.393	10.851	0.326
405	139	6,000***	10.041	13.586	14.043	0.448
620	212	10,000***	15.222	19.649	20.107	0.684
860	294	15,000***	21.042	26.177	—	0.948
MERCURY VAPOR LAMPS:						
100	40	3,500	\$3.015	\$3.919	\$4.376	\$0.129
175	68	7,500	5.002	5.851	6.308	0.219
250	97	11,000	7.060	7.937	8.394	0.313
400	152	21,000	10.964	11.895	12.352	0.490
700	266	37,000	19.055	20.807	21.264	0.858
1,000	377	57,000	26.933	28.384	28.841	1.216
HIGH PRESSURE SODIUM VAPOR LAMPS AT: 120 VOLTS						
70	29	5,800	\$2.234	\$3.193	\$3.650	\$0.094
100	41	9,500	3.086	4.072	4.529	0.132
150	60	16,000	4.434	5.448	5.905	0.194

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* Switching Service is closed to new installations.

** Latest published information should be consulted on best available lumens.

*** Service for incandescent lamps over 2,500 lumens will be closed to new installations after September 11, 1978.

(Continued)

Advice Letter No. 1692-E-D
Decision No. 97-08-056

Issued by
Thomas E. Bottorff
Vice President
Rates & Account Services

Date Filed January 28, 1998
Effective January 1, 1998
Resolution No. E-3510



Pacific Gas and Electric Company
San Francisco, California

Cancelling

Revised
Revised

Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

16084-E
16003-E

SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

RATES:
(Cont'd.)

CLASS:						
A			B			C
PG&E supplies energy and switching* service only.			PG&E supplies the energy, switching*, and maintenance service for lamps and glassware.			PG&E supplies the energy, switching*, and maintenance service for entire system including lamps and glassware.
Nominal Lamp Rating:			Per Lamp Per Month			A, B, and C
LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS**	Class A All-Night	Class B All-Night	Class C All-Night	Half-Hour Adjustment ^t
HIGH PRESSURE SODIUM VAPOR LAMPS AT:						
240 VOLTS						
70	34	5,800	\$2.589	\$3.548	\$4.005	\$0.110
100	47	9,500	3.512	4.498	4.955	0.152
150	69	16,000	5.073	6.086	6.543	0.223
200	81	22,000	5.925	6.938	7.395	0.261
250	100	25,000	7.273	8.314	8.771	0.323
310	119	37,000	8.622	—	—	0.384
400	154	46,000	11.106	12.146	12.604	0.497
LOW PRESSURE SODIUM VAPOR LAMPS:						
35	21	4,800	\$1.666	—	—	\$0.068
55	29	8,000	2.234	—	—	0.094
90	45	13,500	3.370	—	—	0.145
135	62	21,500	4.576	—	—	0.200
180	78	33,000	5.712	—	—	0.252
METAL HALIDE LAMPS:						
70	30	5,500	\$2.305	—	—	\$0.097
100	41	8,500	3.086	—	—	0.132
400	162	30,000	11.673	—	—	0.523
1,000	387	90,000	27.642	—	—	1.248

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decommissioning	Total Rate
ENERGY CHARGE (per kWh):	\$0.00097	\$0.01641	\$0.00404	\$0.04897	\$0.00058	\$0.07097
TRANSMISSION REVENUE BALANCING ACCOUNT ADJUSTMENT RATE per kWh per month	(\$0.00017)	—	—	\$0.00017	—	\$0.00000

Lamp rates include a Base Charge for the actual cost of operating and maintaining the various lamp sizes and types and an energy charge of \$0.07097 per kWh. The energy charge is included in the per lamp charges listed above. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month

Advice Letter No. 1817-E
Decision No.

Issued by
Thomas E. Bottorff
Vice President
Rates & Account Services

Date Filed November 10, 1998
Effective December 20, 1998
Resolution No.

30934



Pacific Gas and Electric Company
San Francisco, California

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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

16084-E
16003-E

and the product of \$0.07097 per kWh and the kWh per month listed above.

(Continued)

Advice Letter No. 1817-E
Decision No.

30934

Issued by
Thomas E. Bottorff
Vice President
Rates & Account Services

Date Filed November 10, 1998
Effective December 20, 1998
Resolution No. _____



SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

RATES:
(Cont'd)

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

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(N)

**SPECIAL
CONDITIONS:**

1. **TYPE OF SERVICE:** This schedule is applicable to multiple lighting systems to which PG&E will deliver current at secondary voltage and to series street lighting systems for which PG&E will furnish constant current regulating transformers. Multiple current will normally be supplied at 120/240 volt, single-phase. In certain localities PG&E may supply service from 120/208 volt, star connected, polyphase lines in place of 240 volt service. Unless otherwise agreed, series current will be delivered at 6.6 amperes. Single-phase service from 480 volt sources and series circuits will be available in certain areas at the option of PG&E when this type of service is practical from PG&E's engineering standpoint. All currents and voltages stated herein are nominal, reasonable variations being permitted.

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New lights will normally be supplied as multiple systems. Series service to new lights will be made only when it is practical from PG&E's engineering standpoint to supply them from existing series systems.

2. **ANNUAL OPERATING SCHEDULES:** The above rates for All-Night service assume 11 hours operation per night and apply to lamps which will be turned on and off once each night in accordance with a regular operating schedule agreeable to the customer but not exceeding 4,100 hours per year.
3. **OPERATING SCHEDULES OTHER THAN ALL-NIGHT:** Rates for regular operating schedules other than full all-night will be the All-Night rate plus or minus, respectively, the half-hour adjustment for each half-hour more or less than an average of 11 hours per night. This adjustment will apply only to lamps on regular operating schedules of not less than 1,095 hours per year, or 3 hours per night, nor more than 4,500 hours per year.
4. **POINT OF DELIVERY:** Delivery will be made from PG&E's existing electric lines without extension thereof to customer's system at a point or points mutually agreed upon except as provided in Special Condition 9. PG&E will provide at its expense an overhead service drop to a customer-owned interconnected group of lamps having a connected load of not less than 2 kW. For a customer-owned interconnected group of lamps having a connected load of less than 2 kW or individual customer electroliers with a self-contained photo cell switch, (1) PG&E will connect the customer's overhead service wire to PG&E's overhead lines at the customer's expense, or (2) at the customer's option, PG&E will install, own and maintain the overhead service provided the customer pays the initial cost of the service plus the applicable percentage for customer-financed distribution facilities listed in Section I.3 of Rule 2 times such initial cost. When 480 volt service is desired by the customer, energy will be supplied from overhead facilities at 480 volts, single-phase, for an interconnected group of lamps provided the total connected load of the interconnected group of lamps to be so served is not less than 8 kW. For a customer-owned interconnected system of less than 8 kW but not less than 2 kW, energy will be supplied at 120/240 volts unless the customer pays the additional cost of a 480 volt supply.

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SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

**SPECIAL
CONDITIONS:**
(Cont'd.)

5. **UNDERGROUND SERVICE CONNECTION:** PG&E will provide an underground service connection at its expense from either its overhead or underground system to one electrolier of each group of interconnected electroliers provided (1) the customer has arranged the system for the least practical number of points of delivery, (2) there are not less than 10 electroliers in the group and (3) there is not less than three kW connected load. This service connection shall not exceed 25 feet of underground run from the base of PG&E's pole in an overhead line nor exceed 40 feet of underground run from a location where service is available in an underground system. PG&E will extend the underground service beyond the free length at the customer's request in accordance with Special Condition 8.

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Where the customer requests an underground service to (1) a system of less than 10 electroliers or 3 kW connected load, or (2) an individual electrolier, the customer shall install and own the extension from his system or electrolier to PG&E's distribution system where service is readily available and shall pay the cost of connecting to PG&E's distribution system, including any necessary conduit or riser material.

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6. **SWITCHING:** Where the connected street light load on each circuit separately switched is less than 2 kW for multiple circuits served from overhead lines or less than 10 kW for series circuits served from overhead lines the customer shall pay an extra charge of \$3.00 per month for each circuit separately switched by PG&E, except where switching facilities have been installed by PG&E for its convenience.

7. **MAINTENANCE:**

a) The Class B and C rates include all labor and material necessary for the inspection, cleaning, or replacement by PG&E of lamps and glassware. Replacement is limited to certain glassware such as is commonly used and manufactured in reasonably large quantities. A suitable extra charge will be made for maintenance of glassware of a type entailing unusual expense. The Class C rate also includes all labor and material necessary for replacement by PG&E of photoelectric controls.

- b) Under the Class C rate PG&E will:

- 1) Charge \$0.89 per month to provide for pole painting to maintain good appearance. On multi-lamp installations where pole painting is required, this charge will be applied only to the first lamp.
- 2) Isolate any trouble in the customer's system which has resulted in an outage of diminished light output.
- 3) Make necessary repairs without replacement on accessible wiring between poles and on equipment and wiring in and on poles to keep the system in operating condition.

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Pacific Gas and Electric Company
San Francisco, California

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Original
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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

15402-E
13307-E

SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

SPECIAL
CONDITIONS:
(Cont'd.)

7. MAINTENANCE: (Cont'd.)

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b) (Cont'd.)

4) Provide labor for the replacement of material such as ballasts, photoelectric controls, relays, fixtures, individual poles, individual cable runs between poles where such runs are in conduit, and other individual parts of the system.

5) Be compensated by the customer for any material furnished by PG&E, except for replacement photoelectric controls.

6) Not be responsible for excavation or any major replacement of circuits, conduits, poles, or fixtures owned by the customer.

c) This schedule does not provide for maintenance to low pressure sodium vapor or metal halide lamps; however, at the request of the customer, PG&E will perform any of the routine maintenance described above on a time and material cost basis provided PG&E's regular standard maintenance equipment and procedures can be used.

8. SYSTEMS OWNED IN PART BY PG&E: Where, after the date this provision is first effective, PG&E installs and thereafter owns and maintains any portion of the fixtures, poles, circuits, or other facilities that comprise customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Section I.3 of Rule 2 times PG&E's estimated installed cost of such facilities will be made. If such facilities were installed prior to the date this provision is first effective, the additional monthly charge will be 1-3/4 percent of such cost. **** Customer or others may elect to pay PG&E's estimated installed cost of such facilities, in which event the additional monthly charge will be the applicable percentage for customer-financed distribution facilities listed in Section I.3 of Rule 2 times such cost.

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(Continued)

Advice Letter No. 1692-E-D
Decision No. 97-08-056

Issued by
Thomas E. Bottorff
Vice President
Rates & Account Services

Date Filed January 28, 1998
Effective January 1, 1998
Resolution No. E-3510

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SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

**SPECIAL
CONDITIONS:**
(Cont'd.)

9. **LINE EXTENSIONS:** Where PG&E extends its electric lines to serve customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Rule 2 times PG&E's estimated installed cost of such line extension, exclusive of service connection (and transformer, if required) furnished under Special Conditions 1, 4, and 5 will be made. If customer elects to advance PG&E's estimated installed cost of such extension, the additional monthly charge will be the applicable percentage for customer-financed distribution facilities listed in Rule 2 times PG&E's estimated cost. PG&E may waive the foregoing provisions where the extension is estimated to be of nominal cost and where not more than one pole and one span of line is required. If such extension, or any portion thereof, is utilized to serve new separately metered permanent load for which an excess allowance is allowed under Rule 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative excess allowance for the new load, if any, as compared to the cost of the original extension. If an advance has been made as provided above, and if under Rule 15, an excess allowance remains after the new load is installed, all or part of the advance will be refunded without interest to the customer. Such refunds, if any, will be made following the connection of such new load. If such extension is part of a series of extensions, on any of which an advance is still refundable, refunds due from new load will be made in turn as provided in Rule 15. No payment will be made in excess of the original amount advanced.
10. **STREET LIGHT LAMPS - STANDARD AND NONSTANDARD RATINGS:** The rates under Classes B and C are applicable to both standard and group replacement street lamps. Standard and group replacement street lamps have reference only to street lamps having wattage and operating life ratings within three percent of those specified in the EEI-NEMA Standards for Filament Lamps Used in Street Lighting. Where Class A service is supplied to lamps of other ratings than those specified in EEI-NEMA Standards an adjustment will be made in the lamp rates proportionate to the difference between the wattage of the lamps and the standard lamps of the same lumen rating.
11. **CONTRACT:** A contract will be required for service.
12. **POLE CONTACT AGREEMENT:** Where a customer requests to have a portion or all customer-owned street lighting facilities in contact with PG&E's distribution poles, a PG&E Pole Agreement (Form 79-938) will be required.

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SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

**SPECIAL
CONDITIONS:**
(Cont'd.)

13. **BILLING:** A customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer.

Bundled Service Customers receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rate set forth above. The Power Exchange (supply) component is determined by multiplying the average Power Exchange cost for Schedule LS-2 during the last month by the customer's total usage.

Direct Access Customers purchase energy from an electric service provider and continues to receive delivery services from PG&E. The Power Exchange component is determined as specified for a Bundled Service Customer. The bill will be calculated as for a Bundled Service Customer, but the customer will receive a credit for the Power Exchange component. If the Power Exchange component is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.

Nothing in this rate schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge.

14. **BILLING PERCENTAGES:**

Functional charges for customers served under this schedule will be determined by applying the following functional percentages to the energy portion of the Bundled Service bill. The energy portion is equal to the product of the usage (based on size and type of lamp) and the energy charge listed in the Rates section above. The Base Charge is then added to the distribution amount.

<u>Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decommissioning</u>
1.129% (R)	23.131%	5.711%	69.210% (R)	0.819% (I)

Generation charge is calculated based on the total charge (before the Base Charge is added) less the sum of: Distribution, (before the Base Charge is added) Transmission, Public Purpose Programs and Nuclear Decommissioning. CTC is calculated residually by subtracting the Power Exchange component minus the amount of the FTA charge (if applicable) as set forth in the Rates section above.



Pacific Gas and Electric Company
San Francisco, California

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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

15393-E
13973-E

SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING

APPLICABILITY: This schedule is applicable to PG&E-owned and maintained lighting installations which illuminate streets, highways, and other public-dedicated outdoor ways and places and which generally utilize PG&E's distribution facilities. Rates of Class A through Class F service will be applicable as determined in Special Condition 4.

TERRITORY: The entire territory served.

RATES:

			Per Lamp Per Month*				Half-Hour Adjustment
			All Night Rates				
CLASS			A	B	C	D	
Nominal Lamp Rating							
LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS					
INCANDESCENT LAMPS:**							
58	20	600	\$9.843	-	-	-	\$0.065
92	31	1,000	10.624	-	-	-	0.100
189	65	2,000	13.032	\$10.107	-	-	0.210
295	101	4,000	15.684	12.766	-	-	0.326
405	139	6,000	18.877	-	-	-	0.448
MERCURY VAPOR LAMPS:**							
100	40	3,500	9.044	-	\$7.792	-	0.129
175	68	7,500	10.053	7.932	9.795	-	0.219
250	97	11,000	12.034	9.996	-	-	0.313
400	52	21,000	16.482	14.128	-	-	0.490
700	66	37,000	27.007	23.865	-	-	0.858
HIGH PRESSURE SODIUM VAPOR LAMPS:							
70	29	5,800	7.683	-	6.789	\$10.256	0.094
100	41	9,500	8.596	-	7.734	11.212	0.132
150	60	16,000	10.404	-	9.176	12.635	0.194
200	81	22,000	13.877	-	11.969	-	0.261
250	100	25,500	14.341	-	12.758	-	0.323
400	154	46,000	20.311	-	18.085	-	0.497
250	100	25,500	16.740	22.278	21.590		0.323
400	154	46,000	22.710	27.835	27.027		0.497

(L)

* Lamp rates include a Base Charge for the costs of owning, operating and maintaining the various lamp types and sizes and an energy charge of \$0.07097 per kWh. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month and the product of \$0.07097 per kWh and the kWh per month listed above. The energy charge is functionalized on the following page.

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** Closed to new installations as of June 8, 1978, except where PG&E and customer shall agree, mercury vapor lamps may be installed under Class A and C to provide compatibility with existing light sources.

(Continued)

Advice Letter No. 1692-E-D
Decision No. 97-08-056

Issued by
Thomas E. Bottorff
Vice President
Rates & Account Services

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San Francisco, California

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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

16001-E
15662-E

SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

RATES:
(Cont'd.)

			Per Lamp Per Month*			Half-Hour Adjustment
			All Night Rates			
CLASS			E	F	F.1***	
Nominal Lamp Rating						
LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS				
MERCURY VAPOR LAMPS:**						
100	40	3,500	-	-	-	\$0.129
175	68	7,500	\$14.120	\$18.439	\$17.373	0.219
250	97	11,000	-	-	-	0.313
400	152	21,000	-	-	-	0.490
700	266	37,000	-	-	-	0.858
1,000	377	57,000	-	-	-	1.216
HIGH PRESSURE SODIUM VAPOR LAMPS:						
70	29	5,800	10.801	15.187	14.658	0.094
100	41	9,500	11.727	16.294	15.797	0.132
150	50	16,000	13.150	18.073	17.532	0.194
200	81	22,000	16.276	21.611	20.790	0.261
250	100	25,500	16.740	22.278	21.590	0.323
400	154	46,000	22.710	27.835	27.027	0.497

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom- missioning	Total Rate
ENERGY CHARGE (per kWh):	\$0.00097 (I)	\$0.01641	\$0.00404	\$0.04897 (R)	\$0.00058	\$0.07097
TRANSMISSION REVENUE BALANCING ACCOUNT ADJUSTMENT RATE per kWh per month	(\$0.00017) (R)	—	—	\$0.00017 (I)	—	\$0.00000

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

- * Lamp rates include a Base Charge for the costs of owning, operating and maintaining the various lamp types and sizes and an energy charge of \$0.07097 per kWh. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month and the product of \$0.07097 per kWh and the kWh per month listed above.
- ** Closed to new installations as of June 8, 1978, except where PG&E and customer shall agree, mercury vapor lamps may be installed under Class A and C to provide compatibility with existing light sources.
- *** Closed to new installations.

(Continued)

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Cal. P.U.C. Sheet No.

15395-E
11605-E

SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

**MORE THAN
ONE LIGHT ON A
POLE:**

Where more than one light is installed on a pole, all lights other than the first will be billed on the Class C rate. Not applicable to installations made prior to September 11, 1978.

**SPECIAL
CONDITIONS:**

1. **TYPE OF SERVICE:** PG&E reserves the right to supply either "multiple" or "series" service. Series service to new lights will only be made where it is practical from PG&E's engineering standpoint to supply them from existing series systems.
2. **ANNUAL OPERATING SCHEDULE:** The above rates for All-Night service assume an average of approximately 11 hours operation per night and apply to lamps which will be turned on and off once each night in accordance with a regular operating schedule agreeable to the customer but not exceeding 4,100 hours per year.
3. **OPERATING SCHEDULES OTHER THAN ALL-NIGHT:** Rates for regular operating schedules other than full All-Night will be the All-Night rate plus or minus, respectively, the half-hour adjustment for each half-hour more or less than an average of approximately 11 hours per night. This adjustment will apply only to lamps on regular operating schedules of not less than 1,095 hours per year, or three hours per night, nor more than 4,500 hours per year.
4. **DESCRIPTION OF SERVICE PROVIDED:**

Class A: PG&E owns and maintains luminaire, control facilities, support arm, and service wiring on its existing distribution pole, and all lights formerly served under Schedule LS-1, Class A, as of September 11, 1978.

Class B: PG&E owns and maintains luminaire, control facilities, support arm, pole or post, foundation and service connection and where customer has paid the estimated installed cost of the luminaire, support arm and control facilities (applicable only to installations in service as of September 11, 1978).

Class C: PG&E owns and maintains its standard luminaire, control facility, internal pole wiring as required (ownership of pole or post, support arm and foundation by customer). Available only where customer-owned poles comply with PG&E's engineering and operating requirements.

Class D: PG&E owns and maintains its standard post top luminaire, control facility, internal post wiring, standard galvanized steel post (20-foot mounting height or less) and foundation where customer pays for the estimated and installed cost of the post, support arm (if any) and foundation.

Class E: PG&E owns and maintains its standard luminaire, control facility, internal pole wiring, service connection, galvanized steel pole and foundation where the customer has paid to PG&E the estimated installed cost of the pole, support arm and foundation.

Class F: PG&E owns and maintains a standard luminaire, control facility, support arm, and service connection on its wood pole or post, installed solely for the luminaire.

(L)

(L)

(Continued)

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SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

**SPECIAL
CONDITIONS:**
(Cont'd.)

5. **REARRANGEMENT OF FACILITIES:** At the customer's request PG&E will make changes to or rearrangement of existing facilities at the customer's expense. (L)
6. **UNDERGROUND SERVICE:** The applicant at his expense shall perform the necessary trenching, backfill and paving, and shall furnish and install all necessary conduit and substructures including substructures for transformer installations if necessary, for street lights only, in accordance with PG&E's specifications. Upon acceptance by PG&E, ownership of the conduit and substructures shall vest in PG&E.
- PG&E, at its expense, will furnish and install the underground service conductor to the handhole of each street light pole where the length of the service is 100 circuit feet or less per luminaire, as measured from the point of connection to the point of secondary supply. For service lengths in excess of 100 feet the applicant shall pay to PG&E the material cost of the conductors in excess of 100 circuit feet. (L)
7. **OWNERSHIP:** All facilities installed under this schedule except for the Class "C" customer-owned pole or post, support arm and foundation shall vest in PG&E.
8. **MAINTENANCE:**
- a. PG&E shall exercise reasonable care and diligence in maintaining PG&E-owned facilities. Maintenance will be performed as an accommodation on a customer-owned Class "C" pole or post, arm and foundation, at the customer's expense, where customer is unable to obtain the service elsewhere. Where PG&E experiences or expects to experience maintenance costs exceeding its normal maintenance expense, resulting from but not limited to vandalism, or unusual nonstandard design of pole, post, or luminaire, PG&E may require the customer to pay excess maintenance costs as may be necessary.
- b. A charge of \$0.89 per month will be made to provide for pole painting to maintain good appearance. On multi-lamp installations where pole painting is required, this charge will be applied only to the first lamp.
9. **SPECIAL EQUIPMENT:** Luminaires, poles, posts and other equipment, requested by a customer or applicant, in addition to or in substitution for PG&E's standard galvanized steel poles, galvanized steel posts, photocell controls and equipment, will be provided if such equipment meets PG&E's engineering and operating standards and if the customer or applicant pays the cost difference between the equipment normally provided by PG&E and the equipment requested by the customer or applicant, plus an additional continuing monthly payment equal to the applicable percentage for customer-financed distribution facilities listed in Section I.3 of Rule 2 times the cost difference. This provision is also applicable to special optical filters, shields or other special hardware required or requested by the applicant or any governmental agency having jurisdiction. At the request of the customer or applicant PG&E will install special equipment entirely at PG&E's expense provided the customer agrees to pay a continuing monthly payment equal to the applicable percentage for PG&E-financed distribution facilities listed in Section I.3 of Rule 2 times the cost difference. (L)

(Continued)



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San Francisco, California

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Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

15397-E
13241-E

SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

SPECIAL
CONDITIONS:
(Cont'd.)

10. **LINE EXTENSIONS:** Where PG&E determines that it is necessary to extend its electric distribution lines to serve only a street light or a street lighting system, the applicant shall advance, subject to refund in accordance with electric Rule 15, the estimated installed cost of such line extension, exclusive of service conductors (and transformer if required), under the provisions of Special Condition 9. PG&E may waive the foregoing line extension provisions where the extension is estimated to be of nominal cost and where not more than one pole and one span of overhead line is required to reach PG&E-designated connection point, or in the case of underground facilities, where the first-service delivery point is no greater than 300 feet from PG&E-designated connection point. The cost difference used in calculating the continuing monthly payment as specified in Special Condition 9 will be reduced by an amount equal to any electric Rule 15 refund, and the continuing monthly payment shall be adjusted accordingly. (L)
11. **TEMPORARY DISCONTINUANCE OF SERVICE:** (Fixture remains in place.) At the request of the customer PG&E will temporarily discontinue service to the individual luminaires provided the customer pays a facility charge equal to the all-night rate, adjusted to zero burning hours under the provisions of Special Condition 3, plus the estimated cost to disconnect and reconnect the light.
12. **CONTRACT:** Service to each light installation shall be an initial contract term of five years and shall automatically continue thereafter from year to year. The initial term shall commence when permanent service is first rendered or within 90 days of when the lights are first ready for service, whichever occurs first. (L)
13. **BILLING:** A customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer. (N)

Bundled Service Customers receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rate set forth above. The Power Exchange (supply) component is determined by multiplying the average Power Exchange cost for Schedule LS-1 during the last month by the customer's total usage.

Direct Access Customers purchase energy from an energy service provider and continue to receive delivery services from PG&E. The Power Exchange component is determined as specified for a Bundled Service Customer. The bill will be calculated as for a Bundled Service Customer, but the customer will receive a credit for the Power Exchange component. If the Power Exchange component is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.

Nothing in this rate schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge. (N)

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15899-E

SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING
(Continued)

SPECIAL
CONDITIONS:
(Cont'd.)

14. BILLING PERCENTAGES:

Functional charges for customers served under this schedule will be determined by applying the following functional percentages to the energy portion of the Bundled Service bill. The energy portion is equal to the product of the usage (based on size and type of lamp) and the energy charge listed in the Rates section above. The Base Charge is then added to the distribution amount.

<u>Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decommissioning</u>
1.129% (R)	23.131%	5.711%	69.210% (R)	0.819% (I)

Generation charge is calculated based on the total charge (before the Base Charge is added) less the sum of: Distribution, (before the Base Charge is added) Transmission, Public Purpose Programs and Nuclear Decommissioning. CTC is calculated residually by subtracting the Power Exchange component minus the amount of the FTA charge (if applicable) as set forth in the Rates section above.

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